#6

ENTERED



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/076,047A

DATE: 10/10/2002 TIME: 10:06:25 P-6.

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2 <120> TITLE OF INVENTION: Proteins, Genes and Their Use for
         Diagnosis and Treatment of Breast Cancer
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 4 <130> FILE REFERENCE: 2543-1-026
 5 <140> CURRENT APPLICATION NUMBER: US/10/076,047A
 6 <141> CURRENT FILING DATE: 2002-02-13
 7 <150> PRIOR APPLICATION NUMBER: GB 9919258.5
 8 <151> PRIOR FILING DATE: 1999-08-13
9 <150> PRIOR APPLICATION NUMBER: GB 0007754.5
10 <151> PRIOR FILING DATE: 2000-03-30
11 <150> PRIOR APPLICATION NUMBER: PCT/GB00/03143
12 <151> PRIOR FILING DATE: 2000-08-14
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19 <213> ORGANISM: Homo sapiens
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33 <211> LENGTH: 7
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211 <213> ORGANISM: Homo sapiens
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Output Set: N:\CRF4\10102002\J076047A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seg#:74; N Pos. 9,12,15,21,24,27
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Seq#:84; N Pos. 15,18
Seq#:87; N Pos. 3,15,18
Seq#:90; N Pos. 3,15,18
Seq#:93; N Pos. 3,15,18
Seq#:96; N Pos. 15,18
Seq#:99; N Pos. 15,18
Seg#:102; N Pos. 15,18
Seq#:104; N Pos. 3
Seq#:106; N Pos. 3,6,9
Seq#:108; N Pos. 3
Seq#:111; N Pos. 3,6
Seq#:114; N Pos. 3
Seq#:117; N Pos. 6
Seq#:123; N Pos. 3,6,12,15
Seq#:126; N Pos. 3,12,15
Seq#:129; N Pos. 6,12,15
Seq#:132; N Pos. 12,15
Seq#:134; N Pos. 3,6
Seq#:140; N Pos. 3,15
Seq#:143; N Pos. 3
Seq#:146; N Pos. 15
Seq#:152; N Pos. 3,15,18,21
Seq#:155; N Pos. 3,18,21
Seq#:158; N Pos. 15,18,21
Seq#:161; N Pos. 18,21
Seq#:163; N Pos. 6
Seq#:165; N Pos. 6
Seq#:170; N Pos. 6,9,12,15,18
Seq#:173; N Pos. 6,9,12,15,18
Seq#:175; N Pos. 9
Seq#:178; N Pos. 3,6
Seq#:181; N Pos. 6,9
Seq#:184; N Pos. 6,9,12
Seq#:187; N Pos. 3,9,12
Seq#:190; N Pos. 6,9,12
Seq#:193; N Pos. 3,9,12
Seq#:196; N Pos. 3,6,9,12
Seq#:199; N Pos. 3,6,9,12
Seg#:202; N Pos. 9
Seg#:205; N Pos. 6,12
Seq#:208; N Pos. 3,12
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Seq#:214; N Pos. 3,12
Seq#:217; N Pos. 3,6,12
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Seq#:223; N Pos. 9,12,24
Seq#:226; N Pos. 9,12,24
Seq#:229; N Pos. 9,12,24
Seq#:232; N Pos. 9,12,24
Seq#:235; N Pos. 6,12
Seq#:238; N Pos. 6,9,15
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Seq#:247; N Pos. 3,9,15
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Seq#:253; N Pos. 3,6,9,15
Seq#:258; N Pos. 6,15
Seq#:261; N Pos. 3,15
Seq#:264; N Pos. 6,15
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Seq#:275; N Pos. 9
Seq#:277; N Pos. 9
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Seq#:286; N Pos. 3,9,15
Seq#:289; N Pos. 6,9,15
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Seq#:295; N Pos. 3,6,9,15
Seq#:298; N Pos. 3,6,9,15
Seq#:301; N Pos. 12
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Seq#:307; N Pos. 3,15
Seq#:310; N Pos. 6,15
Seq#:313; N Pos. 3,15
Seq#:316; N Pos. 3,6,15
Seq#:319; N Pos. 3,6,15
Seq#:322; N Pos. 9,12,18,21,27
Seq#:325; N Pos. 9,18,21,27
Seq#:327; N Pos. 3
Seq#:330; N Pos. 3,9,12
Seq#:332; N Pos. 3,9
Seq#:334; N Pos. 3,9
Seq#:336; N Pos. 3,6
Seq#:351; N Pos. 6,9
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VERIFICATION SUMMARY

DATE: 10/10/2002 TIME: 10:06:26 PATENT APPLICATION: US/10/076,047A

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L:584 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71 after pos.:0
L:610 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74 after pos.:0
L:664 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81 after pos.:0
L:690 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:0
L:716 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87 after pos.:0
L:742 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90 after pos.:0
L:768 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:93 after pos.:0
L:794 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:0
L:820 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:0
L:846 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:102 after pos.:0
L:864 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104 after pos.:0
L:882 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106 after pos.:0
L:900 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108 after pos.:0
L:926 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:111 after pos.:0
L:952 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:114 after pos.:0
L:978 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117 after pos.:0
L:1026 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:123 after pos.:0
L:1052 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:126 after pos.:0
L:1078 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:129 after pos.:0
L:1104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:132 after pos.:0
L:1122 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:134 after pos.:0
L:1170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:140 after pos.:0
L:1196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:143 after pos.:0
L:1222 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:146 after pos.:0
L:1270 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:152 after pos.:0
L:1296 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:155 after pos.:0
L:1322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:158 after pos.:0
L:1348 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:161 after pos.:0
L:1366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:163 after pos.:0
L:1384 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 after pos.:0
L:1424 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:170 after pos.:0
L:1450 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:173 after pos.:0
L:1468 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175 after pos.:0
L:1494 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:178 after pos.:0
L:1520 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:181 after pos.:0
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L:1702 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:199 after pos.:0
L:1728 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:202 after pos.:0
L:1754 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:208 after pos.:0
L:1780 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:211 after pos.:0
L:1806 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:211 after pos.:0
L:1806 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:214 after pos.:0
L:1832 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:217 after pos.:0
L:1858 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220 after pos.:0
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VERIFICATION SUMMARYDATE: 10/10/2002PATENT APPLICATION: US/10/076,047ATIME: 10:06:26

Input Set : N:\Crf4\09272002\J076047.raw
Output Set: N:\CRF4\10102002\J076047A.raw

L:1884 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:223 after pos.:0 L:1910 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:226 after pos::0